

## **Program Announcements (PA'S)**

### **CLINICAL AND EPIDEMIOLOGIC RESEARCH ON MINORITY POPULATIONS OF THE UNITED STATES**

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National Institute of Diabetes and Digestive and Kidney Diseases  
National Institute of Arthritis and Musculoskeletal and Skin Diseases

#### **OBJECTIVES AND SCOPE**

The above-named Institutes solicit applications for research in the areas of clinical and epidemiologic studies on minority populations of the United States.

Areas of desired research include genetic, metabolic, physiologic, nutritional, and epidemiologic aspects of diabetes, endocrinology, and metabolic diseases; digestive diseases, nutrition, and obesity; kidney, urology and hematologic diseases; and arthritis, musculoskeletal, and skin diseases. Research is solicited in normal physiology and pathophysiology of these diseases; etiology, risk factors, and potential for development of disease; trends in incidence, prevalence, morbidity and mortality; natural history of disease; prognosis for development of disease complications and sequelae; methods for prevention of the diseases; and methods for prevention or amelioration of their complications.

The minority populations to be studied include but are not limited to Blacks, Hispanic Americans (Mexican Americans, Puerto Ricans, Cuban Americans), Asian Americans (Korean, Japanese, Philippino, Chinese, Vietnamese origins), Native Americans (American Indians, Eskimos), and Pacific Islanders, including Hawaiians. Comparisons among these populations, with the white majority population of the United States including ethnic/religious subsets, and with populations in the country of origin would be desirable.

Studies on the general population at risk for disease, as well as on patient populations who have been diagnosed to have the disease, will be accepted. Research focus may be basic, clinical or epidemiologic. Clinical research may be oriented to the cellular, organ, or person level and may include metabolic studies and comparisons. Epidemiologic research designs that might be employed include observational and natural history studies, case-control studies of racial/ethnic differences, studies of migrant populations in the U.S. versus in

their country of origin, urban/rural comparisons, acculturation of the minorities to the U.S. lifestyle and environment, and longitudinal studies. Research directed toward improving methodologies for population-based studies of minority ethnic/racial groups is also encouraged.

Although new research projects are desired, the Institutes are particularly interested in receiving applications based in on-going studies that may have been conceived for reasons other than for research on U.S. minorities or for studies on the diseases listed above. In addition, analyses of extant data sets that contain components on U.S. minority populations are particularly encouraged.

Some of these extant research projects include the various national surveys of the National Center for Health Statistics (Health and Nutrition Examination Surveys, Hispanic HANES, Health Interview Survey, Hospital Discharge Survey, National Ambulatory Medical Care Survey, National Nursing Home Survey) and of the National Center for Health Services Research (National Medical Care Expenditure Survey), the Honolulu Heart Study, the Puerto Rico Heart Study, Bogalusa Heart Study, Evans County Study, Early Treatment of Diabetic Retinopathy Study, Rand Health Insurance Study, Medicare and Medicaid data, Consolidated End Stage Renal Disease Data System, ARAMIS, the Tecumseh Study, the Rochester Epidemiology Program, National Survey of Black Americans, Lipid Research Clinics Program, Meharry Cohort Study, and Kaiser Permanente Twin Registry.

#### MECHANISMS OF SUPPORT, APPLICATION PROCEDURE, AND REVIEW PROCEDURE

Research support mechanisms that might be utilized include regular research grants (RO1), Clinical Investigator Awards (K08), First independent Research and Transition (FIRST) Awards (R29), and Individual National Research Service Awards (F32). Specific application forms and kits are available in the business or grants and contracts offices of most academic and research institutions or may be obtained from:

Office of Grants Inquiries  
Division of Research Grants, NIH  
Westwood Building, Room 449  
Bethesda, Maryland 20892  
Telephone: (301) 496-7441

Applications will be accepted on an indefinite basis in accordance with the regular receipt dates established by the NIH Division of Research Grants and specified in the pertinent application kits. The original and six copies of the application should be sent or delivered to:

Application Receipt Office  
Division of Research Grants, NIH  
Westwood Building, Room 240  
Bethesda, Maryland 20892

Applications in response to this announcement will be reviewed on a nationwide basis in competition with other applications and in accordance with the usual NIH peer review procedures. Funding decisions will be based on relative scientific merit, program relevance, and availability of appropriated funds.

#### STAFF CONTACT

The following individuals may be contacted in regard to the possible scientific content of grant applications:

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